

VAISALA

How does hyperlocal weather data improve city resilience towards extreme weather events?



1 See more than national observation networks
While national and even regional radar networks provide very broad coverage of weather observations, they can still have gaps at local level.

2 Get quick insights on local extreme weather
Floods and other extreme weather events usually occur in small areas, and the most severe impacts are highly localized. Hyperlocal data fuels quick, accurate decisions.



3 Detect rapid storm development
Convective storms create atmospheric instability, leading to torrential rain. Storms can develop fast and with little warning, making them very dangerous.

4 Get big benefits from small-scale weather instruments
Modern compact weather stations are plug-and-play, and solid state X-band radars provide data close to the ground and are cost-efficient.

